**SURVEYING, ARCHITECTURAL, and ENGINEERING OFFICES**, 24, Guildford-street, Russell-square, London, for Preparing, Training, and thoroughly Qualifying Gentlemen, in the most practical and scientific manner, for Surveyors, Levellers, Engineers, Architects, Builders, Draughtsmen, Measurers and Valuers of land, timber, buildings, brewhouses, &c., and for giving practical instruction, on the New System, in every branch of the profession. Conducted by Messrs. HYDE, SMYTH, and LEWIS, Civil Engineers, Architects, Surveyors, &c., of extensive practice. Terms, till perfect, very moderate. Pupils, on completing the course, may be introduced to employment.—For Prospectuses, &c., apply at the Offices.

**ATKINSON'S CEMENT. — WILLIAM** WOOD, Jun., Manufacturer of Roman, Portland, and Bath Cements, Blue Lime Works, CHURCH STREET, ROTHERHITHE, London, Sole Consignee of Atkinson's Cement.

**PORTLAND CEMENT.**—Testimonials received from all quarters prove this CEMENT to possess the rare property of withstanding the severest frost, and to be consequently superior to every other for hydraulic purposes—such as the Building and Lining of Reservoirs, Cisterns, Baths, Fishponds, &c. For External Plastering and Ornamental Coatings, it requires neither Colour nor Paint, it never vegetates, and will carry from three to four times its own body of sand.

Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster.

**KEENE'S PATENT MARBLE CEMENT** forms an exceedingly hard and indestructible Stucco, which may either be prepared for paint, or finished in imitation of stone, by the addition of Portland or other stone dust.

It is a cheap and effectual substitute in place of wood for skirting, architrave, and other mouldings, in its application for which purpose it checks the progress of Fire and the attacks of Vermin.

Patentee and sole Manufacturers, J. B. WHITE and SONS, Millbank-street, Westminster, and Steel street, Liverpool.

REMOVED FROM 3, MAIDEN-LANE, TO 22, STEEL-YARD, UPPER THAMES-STREET.

To ARCHITECTS, ENGINEERS, BUILDERS, Masons, Plasterers, and Painters, Merchants, Shippers, and the Public in general.

**JOHNS and CO.'S PATENT STUCCO** CEMENT, for outside Plastering, perfectly resembles Stone, utterly resists Wet—does not discolour by Damp—resists no Paint, never cracks or blisters—adheres to any substance without previous preparation—is not affected by Frost or Heat—may be exported to every Climate—Improves by Age—it is the only Cement that is a prompt and perfect remedy for internal Damp Walls—it is very cheap, and very easily worked.

Where else may be obtained,

JOHNS and CO.'S PATENT STONE COLOUR STUCCO PAINT, expressly for Painting over Exteriors of Houses that have been covered with Roman or other Cements, and which have become discoloured. This PAINT having an affinity for Stucco, binds itself with it, stopping the suction, thereby rendering the Wall proof against Weather, and in the finish producing a pure stone-like effect, produceable by no other Paint whatever. It is cheap, and may be used by any Painter in any climate, even in the most exposed marine situations.—Specimens may be seen, and a Prospectus fully describing the Cement and its mode of application, may be had of Johns and Co., at 22, Steel-yard; or the Manufactory, Greenwich.

MARTINS FIRE PROOF AND ORNAMENTAL CEMENT.

**CAUTION.**—Messrs. STEVENS and SON Patentees, beg to caution their friends and the trade generally against confounding this invaluable Cement with others, erroneously said to be of the same description. Mr. and S. pledge themselves that MARTINS CEMENT is totally dissimilar in composition and manufacture from every other, and being a neutral compound, is not only free from chemical agency upon any substance with which it may come in contact, but completely resists the action of the strongest acids. They feel it a duty to direct attention to the following properties, which it exclusively possesses:—

1. It rapidly acquires the hardness of stone.
2. Unlike other internal cements, its hardness is uniform throughout its entire thickness.
3. Its surface, which may be made equal to that of the finest marble, NEVER THROWS OUT ANY SALT, and will receive paint in four days, without peeling, when put upon dry work.

It is peculiarly adapted as an internal stucco for walls, skirtings, architraves, mouldings, and for enrichments of all kinds, to all of which purposes it has been extensively applied by Mr. Thomas Cubitt, on the Grosvenor estate, &c.

For the above purposes, it possesses great advantages over woods, being more economical and durable, resisting fire, damp, and vermin.

For the floors of halls and fire-proof warehouses its lightness, durability, and uniform surface give it an immense advantage over stone, being, at the same time, much more economical. The most satisfactory references can be given. To be had of the Patentees, Plaster of Paris and Cement Manufacturers, 198, DRURY LANE. Agent for Liverpool and Manchester, Mr. R. PART, 28, Canning-place, Liverpool.

TO THE BUILDING PUBLIC.

**FIRST-RATE ORNAMENTS** in ROMAN and other CEMENTS, and PLASTER of PARIS, at reasonable prices, consisting of Vases, Balladers, Capitals, perforated Panellings, Cantilevers, Brackets, Trusses, Wreaths, Scrolls, Masques, Heads, Friezes, Friezes, Gothic and other Chimney-Shafts, Sculls, Bells-reliefs, Paterae, &c., &c., 36-inch Centre Flowers fixed complete, 8s. each, smaller in proportion. An assortment of Shop front Trusses always ready for fixing.—JOHN HERBERT and SONS, Modellers, &c., 62, Parker-street, Drury-lane.

**SMOKY CHIMNEYS CURED** by the PATENT PNEUMATIC TOP and SMOKY SPREADER. Landlords, Architects, House Agents, and Builders, are invited to inspect them at the Inventor's, 14, Belmont-place, Wandsworth road; and to E. PETTITT, 17, Brook street, New-road, Regent's park.

N.B. The usual effect of high buildings and trees is entirely checked, and can be swept by the machine.

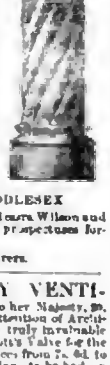
**WILSON and Co.'s PATENT VENTILATING CHIMNEY-POT**, for the Cure of Smoky Chimneys, has been tested extensively throughout the Kingdom for the last three years, and has proved to be an effectual remedy.

The Patent Pots cannot corrode or get out of order, and can be effectually swept by the sweep's machine.

J. W. and Co. had the honour of fixing upwards of fifty of the Patent Ventilating Chimney Pots, in artificial Stone Cement, on the chimneys of Buckingham Palace; since which a number have been fixed at Windsor Castle.

The Patent Pots have proved to be the most effectual invention ever yet discovered, and also unrivalled for their ornamental appearance; they are manufactured of artificial Stone Cement, Iron, or Zinc.

The Trade supplied with them at the Manufactory,



YALE PLACE, HAMMERSMITH, MIDDLESEX

Inquiries from the Country to be addressed to Messrs. Wilson and Co., at their Manufactory, as above. Prices and prospectuses forwarded by return of post.

N.B. Licenses granted to Manufacturers.

**DR. ARNOTT'S CHIMNEY VENTILATOR.**—P. EDWARDS, Stove Maker to her Majesty, 89, Poland-street, Oxford-street, begs to call the attention of Architects, Builders, Gas-fitters, and the Public, to the truly invaluable advantages to be derived from the use of Dr. Arnott's Valve for the Ventilation of Rooms of every description.—Prices from 7s. 6d. to 30s. each. A prospectus, containing full particulars, to be had on application.

SMOKY CHIMNEYS—NO CURE, NO PAY.

Twenty-five years' extensive experience in all the branches of the above manufacturing business, and the cure of smoky chimneys of every description, fully justifies P. E. in stating that he can undertake the cure of smoky chimneys on the equitable terms of "no cure no pay."

**FOR SALE, a Valuable PATENT**, for an improved process of rendering Paper and Wrappers waterproof, and Machinery for the manufacture of the same, by which two sheets of paper are made to adhere firmly together by a double coat of waterproof composition. The above has been extensively used by paper hangers for placing against damp walls; it also forms an excellent sheathing paper.—For further particulars, apply to Mr. JOHNSON, of the firm of Messrs. Tatham, Upton, and Johnson, Austin Friars, where the specification and samples may be seen.

**CHEAP ORNAMENTAL GLASS.**—I beg to inform my friends and the public, that I have now completed a new ENGLISH stand, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Bakers-street, Portman-square.—Cash only.

PLATE GLASS.

**THE LONDON and MANCHESTER** GLASS COMPANY have opened their London Warehouse, 13, RATHBONE-PLACE, with an extensive Stock of Plate Glass of pure colour, strong substance, and most brilliant polish, which will be supplied to the Trade at VERY CONSIDERABLE DISCOUNTS from the tariff prices.

ROUGH PLATE GLASS, of every thickness, at very low rates. J. L. GRUNDY, Company's Agent.

13, RATHBONE PLACE.

**UNION PLATE-GLASS COMPANY.**—Architects, Builders and the Trade generally are solicited to inspect the quality, colour and substance manufactured by this Company. To encourage the use of Plate Glass for glazing, a further reduction in price has taken place on the quality used for that purpose.

ROUGH PLATE GLASS supplied 4, 3-8, 4, and 5 inch thick. Particular attention is requested to the superior colour and evenness of this article.

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H. CHRISTIE, Agent.

**SOHO PLATE GLASS COMPANY, 26,** Soho-square.—Established for the EXCLUSIVE SALE of the PLATE GLASS Manufactured by the St. Gobain, St. Quirin, and Cirey Companies, Paris. The Trade are informed that this Plate Glass, which is of the very best colour and quality in the market, can be supplied of any dimensions, and at very reduced prices. Rough Plate Glass for Skylights, quarter, three-eighths, half, and three-quarters inch thick.

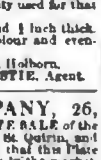
ALFRED GOSLETT, Agent.

**SOHO CROWN, SHEET, and PLATE-GLASS MANUFACTORY, 26, SOHO-SQUARE.**—ALFRED GOSLETT (Agent for the EXCLUSIVE Sale of the FRENCH Plate Glass) begs to inform the Trade generally that he has added to his present Establishment an extensive WHOLESALE Warehouse and Cutting-room for the Sale of Crown, Sheet, Patent Plate, Coloured and Ornamental Glass. The Stock and Patterns will be found of a very superior description, and the charges upon a very reduced scale. Tenders and Lists of Prices will be forwarded upon application.

CHAS. WM. WATERLOW,

MANUFACTURER

of Sashes and Frames, and Joiner to the Trade, 121, Bunhill-row, Finsbury-square.—Well-seasoned materials, superior workmanship, lowest prices.—Upwards of 600 DOORS, and a large variety of Sashes and Frames always on sale. Glazed goods securely packed for the country. Steam struck Mouldings in any quantity.—N.B. This Establishment is worth the notice of all engaged in building.



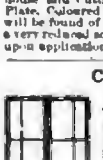
SHOP FRONTS, SASHES AND FRAMES, DOORS, &c. MADE FOR THE TRADE.

**JOHNSON and PASK,**

1, Amwell-street, Clerkenwell, near the New River Head,

Beg to inform the Trade, and the Building Public in general, that they continue to manufacture Sashes and Frames, Shop Fronts, Doors, and all other kinds of Joiners' work, on the lowest possible scale of prices. All kinds of Wainscot and Mahogany work done in the very best manner; French polished, and carefully packed for the country.—A full list of prices forwarded by return of post, to any part of the country.

TO THE BUILDING WORLD.



**H. BANKS,**

Manufacturer of Shop-Fronts, Sashes, and Frames, and Joiner to the Trade, 78, Bethnal-Green Road, London. Parties engaged in Building will find the charges at this establishment cheaper than any other house in London. A full list of prices forwarded by return of post to any part of the country.

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**WINDOW BLINDS.**—TYLOR and PAGE, Window-Blind Manufacturers, 213, Oxford-street adjoining Hanover-square, and 3, Queen-street, Cheapside, London, submit the following prices of Window Blinds, which they can recommend as being made in the best manner:—

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| Venetian Blinds, per square foot | 0 | 6 |
| Best Holland Blinds, on rollers | 0 | 6 |
| Ditto ditto on spring rollers | 0 | 8 |
| Gauze Wire Blinds, in mahogany frames | 1 | 10 |
| Perforated Zinc Blinds, in ditto | 1 | 6 |
| Outside Blinds, of striped cloth, in cases | 1 | 9 |

Transparent Blinds in great variety. Illustrated catalogues and price lists forwarded on application, post free.

**SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS**, Manufactory, 36, REGENT-STREET, and 121, CHANCERY-LANE. Patent sealed on the 4th day of February, 1845, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters, without Machinery, and Two for Hinging and Sheathing the Edges of Wood Lathe with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully can convince the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel worm and screw gear, or any other complicated machinery employed by other makers.

**STEPHENS'S PROCESS for DYEING** or STAINING WOOD, as a substitute for Paint. The natural grain of wood is imitated by art, but the most successful imitation has a rawness of appearance when compared with the continual variety which different woods present in their natural grain. To give an ornamental colour to the wood without obscuring the grain is the object of this process, which surpasses paint in appearance, while at the same time it is so economical that the whole interior of a house, which would take a month or six weeks to paint in the usual manner, may be finished in one week by the process above named, and be more pleasing when finished. The dyes or stains are prepared and sold by HENRY STEPHENS, 54, Stamford-street, Blackfriars-road, London, in bottles of 4d. and 1s. each, and at 10s. per gallon. The oak colour may be obtained in powder at 8s. per pound, which dissolves in water to form the liquid, and one pound will make one gallon of stain.—N.B. The Trade supplied.

Sold also at the office of "The Builder," 8, York-street, Covent Garden, London.

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**ALWAYS ON SALE, a Large Assortment** of DRY PREPARED FLOORING BOARDS and MATCHED BOARDING of all sorts, planed to a parallel width and thickness, from 1 inch to 11 inch thick.

TIMBER, DEALS, OAK PLANKS, SCANTLINGS, SASH MILLS, &c.

Apply at W. CLEAVES Timber Yard, Wilton-road, Pimlico (late C. Moore and Son), and Great Smith-street, Westminster.—Mouldings prepared by machinery.

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**T. ADAMS** (from Byron and Co.), late S. Dare, MAHOGANY and TIMBER MERCHANT, Burrows per New Road, near the Bricklayers' Arms, SEASONED FLOORING, MATCH-BOARDING FIT FOR IMMEDIATE USE, and MOULDINGS prepared by machinery. Cut Deals and Scantling of every dimension. Mahogany, Cedar, Rosewood, Wainscot, Elm, Beech, Oak, &c., in planks, boards, veneers, and logs; Pantile, Oak and Fir Laths; Wheelwrights' Goods. All sawn and prepared goods delivered free of expense (except timber). Sawing charged at mill prices. Very extensive Drying Sheds.

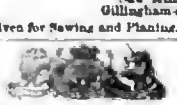
MUIR'S PATENT — PLANING MACHINE

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

**TIMBER** of any size, PLANK, DEALS, and BATTENS, &c., Sawn on the most approved principle Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks and carted home free of charge.

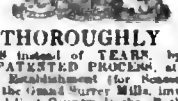
Address to HENRY SOUTHAM, Saw Mills, Gillingham-street, Pimlico.

N.B. Estimates given for Sawing and Planing.



TIMBER AND DEAL SAWING AND PLANING MILLS, Belvidere-road, Lambeth, near Waterloo-bridge.

**THE GENERAL WOOD-CUTTING COMPANY** continue to receive the most satisfactory assurances from all who have given their improved machinery a trial, that there is no method of preparing floor-boards, matched linings, skirtings, &c., by which accuracy, despatch, and economy of material are so certainly obtained. In shooting, tonguing and boring a board (although curved), the machine follows the edge, removing no more than the skin of the wood, and by the use of a peculiar saw for deep cutting, the board comes off with a perfect surface, thus obviating the necessity of reducing its thickness in order to plane out the hollows. The Company being neither builders nor timber merchants, unconnected with any trade but that of sawing and planing, and depending solely on the public for a moderate interest on their capital, are determined, by assiduous attention to the interests of their customers, both as regards workmanship and general business arrangements, to merit a continuance of their support.



**WOOD THOROUGHLY SEASONED** in DAYS instead of YEARS, by DAVISON and SYMINGTON'S PATENTED PROCESS, at the Patent Desiccating Company's Establishment (for Seasoning, Sawing, and Planing Wood), at the Grand Surrey Mills, immediately adjoining the Commercial and Kent and Country Docks, Rotherhithe. The rapid progress through the entire removal of moisture, hardens the fibre, prevents further shrinkage, and strengthens the fibre.—For scale of prices, or license to work the patent, or any further information, address, post-paid, or apply to W. H. TANQUERAY, Secretary at the temporary offices of the Company, 28, New Broad-street, City.

**H. MORRELL'S FINE PREPARED DRAWING PENCILS.**—Under the patronage of her Majesty's Stationery Office, the Honourable Board of Ordnance, and the Honourable East India Company.

The attention of Artists and the Public generally is respectfully solicited to these BLACK LEAD PENCILS, which are prepared perfectly free from grit, of great variety of shade, and possess all the requisites for the most highly finished drawings.

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**W. YOUNG and Co., 194, Oxford-street,** having entered into arrangements with their Agents, are enabled to supply the above Trades at the same prices as in Birmingham. They decline inserting the prices of one of the articles, it being no criterion to judge from, having made great reduction in all their prices. Lists sent upon application by post.

**IMPROVED COOKING APPARATUS.**—MARRIOTT'S PATENT.—After forty years constantly manufacturing all kinds of Cooking Ranges, I can confidently recommend this as the most perfect and economical one ever produced; it will roast, bake, boil, fry, stew, heat a steam closet and kettles, will burn any thing, is very cleanly, and a positive cure for a smoky chimney. May be seen daily in use at the Manufactory.

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NEW PATENT CHIMNEY-TOP for SMOKY CHIMNEYS.—This article is the most unique and perfect Chimney-top yet in use, and less in price than any others. Wherever it has been fixed it has not failed to give satisfaction.

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**MONEY ON LOAN at £3 per Cent.** per Annum.—ARNEWAY'S CHARITY.—NOTICE IS HEREBY GIVEN that the Trustees of this Charity are enabled to lend out the Trust Moneys to poor occupiers or traders resident within the City and Liberty of Westminster, that is to say, within the parishes of St. Margaret and St. John the Evangelist, St. Anne, Soho, St. Clement Danes, St. George, Hanover-square, St. James, St. Martin-in-the-Fields, St. Mary-le-Strand, and St. Paul, Covent Garden. The amount of each loan is not to exceed £200, is to bear interest after the rate of £3 per cent. per annum, and is to be secured by the bond of the borrower, with two sureties. Printed Forms of Application, and all necessary information, may be obtained by applying personally, between the hours of 10 and 3 o'clock in the day, at the office of the Clerk and Solicitor to the Trustees, No. 13, Great Queen-street, St. James's Park.—By order,

EDWARD S. STEPHENSON, Clerk and Solicitor to the Trustees.